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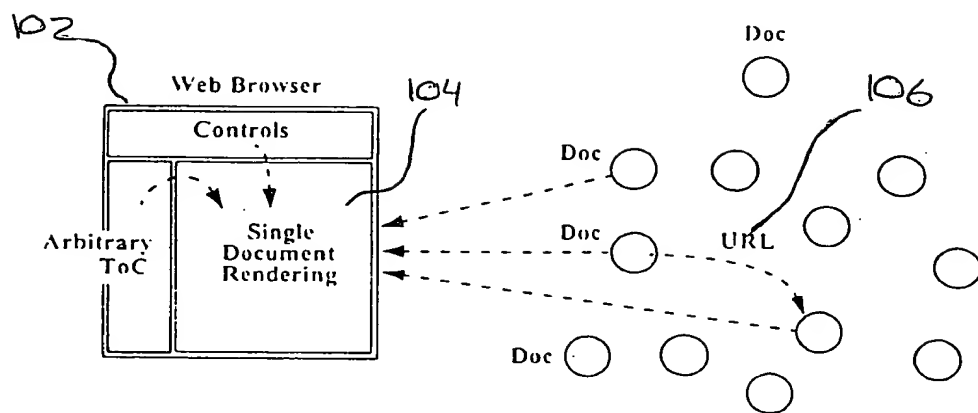


Fig. 1.

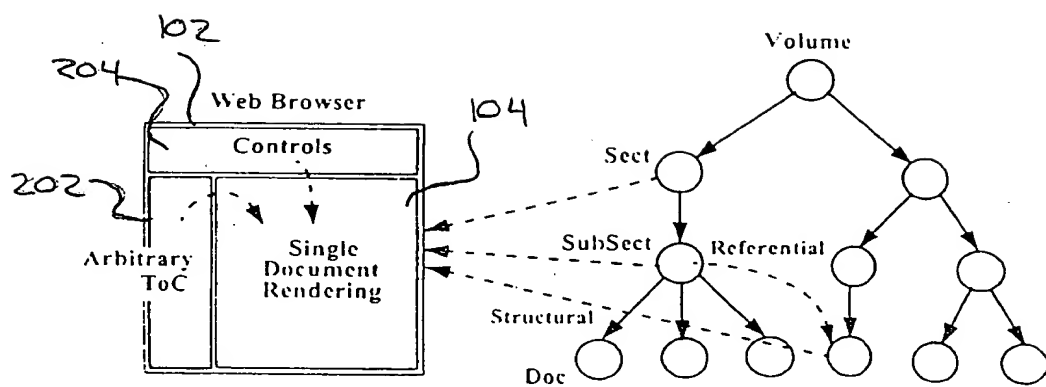


Fig. 2.

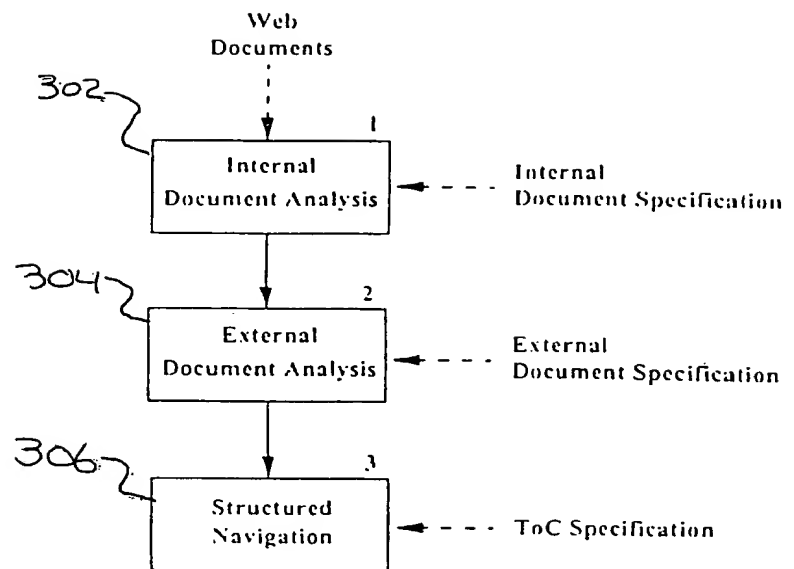


Fig. 3.

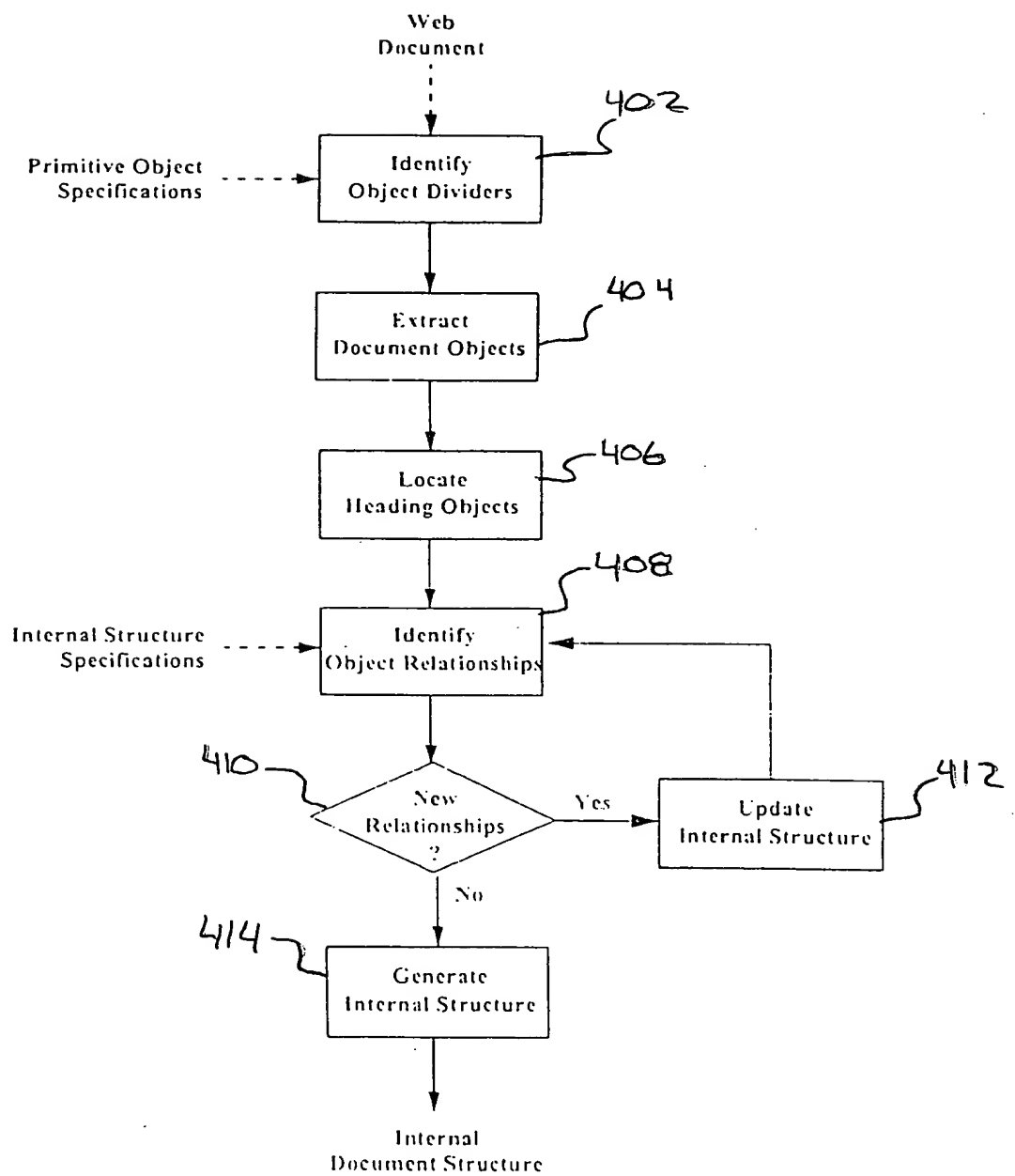


Fig. 4.

Dividers

ObjectDivider ::= <HorizontalLine> | <MajorVerticalSpacing> | ...

Heading Marks

HeadingMark ::= SectIdSpec | AnyMark | ...

TableMark ::= "Table" TableIdSpec | ...

FigureMark ::= "Figure" FigureIdSpec | ...

FootNoteListMark ::= "Refer to" | ...

FootNoteMark ::= AnyMark | <Number> | ...

SectIdSpec ::= AnyId AnyIdSeparator AnyId AnyIdSeparator ...

TableIdSpec ::= AnyId AnyIdSeparator AnyId AnyIdSeparator ...

FigIdSpec ::= AnyId AnyIdSeparator AnyId AnyIdSeparator ...

AnyId ::= <Digit> + | <Letter> + | ...

AnyIdSeparator ::= <Dot> | <Dash> | ...

AnyMark ::= <Bullet> | <Dash> | <Asterisk> | <Square> | ...

Text Properties

FontSpec ::= <FontType> <FontWeight> <FontSize>

PosSpec ::= FirstIndent LeftIndent JustifySpec

FirstIndent ::= <X-Coord> <Y-Coord>

LeftIndent ::= <X-Coord> <Y-Coord>

JustifySpec ::= <LeftJustify> <RightJustify> <CenterJustify>

Special Objects

AlignedObjectBlock ::= <SingleAlignedBlock> | <DoubleAlignedBlock> | ...

TableObject ::= <Table>

GfxObject ::= <Graphics>

Fig. 5. Specification of Primitive Document Objects

Top-Level Internal Structure

DocStruct ::= DocHeader DocBody DocFooter
 DocHeader ::= AlignedObjectBlock <ObjectDivider>
 DocFooter ::= <ObjectDivider> AlignedObjectBlock
 DocBody ::= DocBlock DocBlock ... FootNoteList
 DocBlock ::= HeadingObject NonHeadingObject NonHeadingObject ...
 FootNoteList ::= FootNoteListTitle FootNote FootNote ...

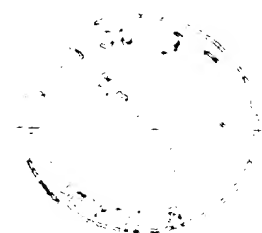
Heading Objects

HeadingObject ::= RegularHeading | TableTitle | FigureTitle | FootNoteListTitle
 RegularHeading ::= HeadingMark HeadingText HeadingMark
 HeadingText ::= FontSpec
 TableTitle ::= TableMark FontSpec
 FigureTitle ::= FigureMark FontSpec
 FootNoteListTitle ::= FootNoteListMark FontSpec

NonHeading Objects

NonHeadingObject ::= ParaObject | ListObject | TableObject | GfxObject
 FootNote ::= FootNoteMark FontSpec
 ListObject ::= ListItem ListItem ...
 ListItem ::= Mark Member Member ...
 Member ::= ParaObject
 ParaObject ::= FontSpec PosSpec

Fig. 6. Specification of Internal Document Structures



```
#      External Structure
ExternalStruct ::= OverviewDoc Section Section ...
OverviewDoc  ::= SimpleDocStruct
Section      ::= DocStruct Section2 Section2 ...
Section2     ::= DocStruct2 Section3 Section3 ...
...
```

```
#      External View of Documents
SimpleDocStruct ::= <DocContent>
DocStruct      ::= SectHeading <DocContent>
SectHeading    ::= AnyId
DocStruct2     ::= SectHeading2 <DocContent>
SectHeading2   ::= SectHeading AnyIdSeparator AnyId
...
```

Fig. 7. External Document Structure

ToC Structure

<ToCDoc> ::= <DocTitle> <InternalToC> <SectEntry> <SectEntry> ...
<SectEntry> ::= <SectTitle> <InternalToC> <SectEntry2> <SectEntry2> ...
<SectEntry2> ::= <SectTitle2> <InternalToC> <SectEntry3> <SectEntry3> ...
...

Internal ToC Structure

<InternalToC> ::= <InternalToCEntry> <InternalToCEntry> ...
<InternalToCEntry> ::= <RegularHeading>
<InternalToCEntry> ::= <FigureTitle>
<InternalToCEntry> ::= <TableTitle>

Fig. 8. ToC Specification

